

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 0 | beam generation and ratation mechanism and non-parallel and reference time and first time.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:51 |
| L2 | 0 | beam generation and ratation mechanism and non-parallel.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:51 |
| L3 | 0 | rotation mechanism and beam generation and first time and reference time and non-parallel.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:52 |
| L4 | 0 | rotation mechanism and beam generation and first time and non-parallel.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:52 |
| L5 | 0 | rotation mechanism and beam generation and non-parallel.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:52 |
| L6 | 10 | rotation mechanism and non-parallel.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:53 |
| L7 | 1 | rotation mechanism and first time and non-parallel.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:54 |
| L8 | 0 | rotation mechanism and first time and reference time and non-parallel.clm. | US-PGPUB | NEAR | ON | 2006/10/10 10:54 |
| S1 | 35 | ((("4,326,799") or ("5,200,793") or ("5,477,461") or ("5,592,211") or ("5,638,164") or ("5,648,852") or ("5,699,149") or ("5,724,123") or ("5,831,717") or ("5,889,582") or ("5,892,575") or ("5,959,734") or ("6,034,716") or ("6,057,909") or ("6,057,910") or ("6,064,471") or ("6,710,859"))).PN. or (2004/0075650).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 16:07 |
| S2 | 2 | ("6415327").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/07 13:07 |
| S3 | 6893 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 16:08 |

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| S4 | 6893 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 16:09 |
| S5 | 44 | S4 and reference beam and first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2005/12/12 16:15 |
| S6 | 0 | S4 and reference beam same first beam same offset rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2005/12/12 16:16 |
| S7 | 5 | S4 and reference beam same first beam same rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2005/12/12 16:20 |
| S8 | 14 | S4 and reference beam same first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2005/12/12 16:30 |
| S9 | 10 | S4 and reference beam and first beam and rotating and angular velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2005/12/12 16:31 |
| S10 | 12 | ("3400398" "3714657" "4268167" "4700301").PN. OR ("4911548").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/12/12 16:49 |
| S11 | 1 | S4 and active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/12/12 16:49 |
| S12 | 7 | active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/12/12 16:51 |
| S13 | 4722 | Vertical Cavity Surface Emitting Lasers | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/12/12 16:51 |

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| S14 | 281 | S13 and "356" | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/12/12 16:51 |
| S15 | 23 | S13 and S4 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/12/12 16:52 |
| S16 | 7 | S15 and (rotate or scan) | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/12/12 16:52 |
| S17 | 6896 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/13 12:46 |
| S18 | 3 | S17 and (micro-structure or macro-structure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2005/12/13 12:46 |
| S19 | 35 | ("4,326,799") or ("5,200,793") or ("5,477,461") or ("5,592,211") or ("5,638,164") or ("5,648,852") or ("5,699,149") or ("5,724,123") or ("5,831,717") or ("5,889,582") or ("5,892,575") or ("5,959,734") or ("6,034,716") or ("6,057,909") or ("6,057,910") or ("6,064,471") or ("6,710,859").PN. or (2004/0075650).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/08 15:43 |
| S20 | 2 | ("6415327").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/08 15:43 |
| S21 | 6998 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/08 15:43 |
| S22 | 45 | S21 and reference beam and first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/06/08 15:43 |

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| S23 | 0 | S21 and reference beam same first beam same offset rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/06/08 15:43 |
| S24 | 5 | S21 and reference beam same first beam same rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/06/08 15:43 |
| S25 | 14 | S21 and reference beam same first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/06/08 15:43 |
| S26 | 10 | S21 and reference beam and first beam and rotating and angular velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/06/08 16:12 |
| S27 | 12 | ("3400398" "3714657" "4268167" "4700301").PN. OR ("4911548").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:43 |
| S28 | 1 | S21 and active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:43 |
| S29 | 7 | active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:43 |
| S30 | 5236 | Vertical Cavity Surface Emitting Lasers | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:43 |
| S31 | 310 | S30 and "356" | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:43 |
| S32 | 23 | S30 and S21 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:43 |
| S33 | 7 | S32 and (rotate or scan) | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:43 |

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| S34 | 6998 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/08 15:43 |
| S35 | 4 | S34 and (micro-structure or macro-structure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/06/08 15:43 |
| S36 | 12 | ("3400398" "3714657" "4268167" "4700301").PN. OR ("4911548").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 15:52 |
| S37 | 10 | ("3400398").URPN. | USPAT | NEAR | ON | 2006/06/08 16:09 |
| S38 | 22 | S21 and beam rotating and angular velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/06/08 16:12 |
| S39 | 21 | ("3714657" "3865491" "4468119" "4688933" "4700301").PN. OR ("4874238").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/06/08 16:16 |
| S40 | 35 | ((("4,326,799") or ("5,200,793") or ("5,477,461") or ("5,592,211") or ("5,638,164") or ("5,648,852") or ("5,699,149") or ("5,724,123") or ("5,831,717") or ("5,889,582") or ("5,892,575") or ("5,959,734") or ("6,034,716") or ("6,057,909") or ("6,057,910") or ("6,064,471") or ("6,710,859"))).PN. or (2004/0075650).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |
| S41 | 2 | ("6415327").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |
| S42 | 7073 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |

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| S43 | 47 | S42 and reference beam and first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S44 | 0 | S42 and reference beam same first beam same offset rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S45 | 5 | S42 and reference beam same first beam same rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S46 | 14 | S42 and reference beam same first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S47 | 10 | S42 and reference beam and first beam and rotating and angular velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S48 | 13 | ("3400398" "3714657" "4268167" "4700301").PN. OR ("4911548").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S49 | 1 | S42 and active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S50 | 7 | active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S51 | 5533 | Vertical Cavity Surface Emitting Lasers | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S52 | 337 | S51 and "356" | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S53 | 27 | S51 and S42 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |

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| S54 | 10 | S53 and (rotate or scan) | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S55 | 7073 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |
| S56 | 4 | S55 and (micro-structure or macro-structure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S57 | 13 | ("3400398" "3714657" "4268167" "4700301").PN. OR ("4911548").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S58 | 7073 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |
| S59 | 0 | S58 and reference beam same first beam same offset rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S60 | 5 | S58 and reference beam same first beam same rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S61 | 10 | S58 and reference beam and first beam and rotating and angular velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S62 | 2 | ("6415327").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |

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|-----|------|---|---|------|-----|------------------|
| S63 | 35 | (("4,326,799") or ("5,200,793") or ("5,477,461") or ("5,592,211") or ("5,638,164") or ("5,648,852") or ("5,699,149") or ("5,724,123") or ("5,831,717") or ("5,889,582") or ("5,892,575") or ("5,959,734") or ("6,034,716") or ("6,057,909") or ("6,057,910") or ("6,064,471") or ("6,710,859")).PN. or (2004/0075650).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |
| S64 | 1 | S58 and active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S65 | 5533 | Vertical Cavity Surface Emitting Lasers | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S66 | 337 | S65 and "356" | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S67 | 14 | S58 and reference beam same first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S68 | 27 | S65 and S58 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S69 | 7 | active array source | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S70 | 22 | S58 and beam rotating and angular velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S71 | 10 | ("3400398").URPN. | USPAT | NEAR | ON | 2006/09/25 11:40 |
| S72 | 22 | ("3714657" "3865491" "4468119" "4688933" "4700301").PN. OR ("4874238").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S73 | 13 | ("3400398" "3714657" "4268167" "4700301").PN. OR ("4911548").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |

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| S74 | 47 | S58 and reference beam and first beam and rotating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S75 | 7073 | (356/3-22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/25 11:40 |
| S76 | 4 | S75 and (micro-structure or macro-structure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2006/09/25 11:40 |
| S77 | 10 | S68 and (rotate or scan) | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:40 |
| S78 | 14 | ("4441809" "4818107" "4820041" "4874238" "5100229" "5110202" "5247487" "5294970" "5307368" "5461473" "5579102").PN. OR ("6545751").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2006/09/25 11:57 |
| S79 | 10 | ("3400398").URPN. | USPAT | NEAR | ON | 2006/09/25 12:02 |